

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for segmenting a music video ~~{507}~~ in a multimedia stream ~~{505}~~, said method comprising the steps of:
 - receiving a multimedia stream ~~{505}~~ including at least one music video ~~{507}~~;
 - segmenting said at least one music video ~~{507}~~ from said multimedia stream ~~{505}~~ by evaluating a plurality of content features ~~{1210, 1220, 1230}~~ related to said multimedia stream ~~{505}~~; and
 - identifying said at least one music video ~~{507}~~,
wherein said plurality of content features includes a face presence feature to evaluate patterns in the presentation of faces in said multimedia stream.
2. (Currently Amended) The method ~~of~~ as claimed in claim 1, wherein said method further comprising comprises the step of:
_____ generating a summary ~~{410}~~ of said at least one music video ~~{507}~~.
3. (Currently Amended) The method ~~of~~ as claimed in claim 1, wherein said summary ~~{410}~~ of said at least one music video ~~{507}~~ is presented to a user based on personalized preferences.

4. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein said at least one music video ~~(507)~~ may be retrieved by a user based on personalized preferences.

5. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein said plurality of content features ~~(1210, 1220, 1230)~~ are processed using a pattern recognition engine ~~(1000)~~ to identify said at least one music video ~~(507)~~.

6. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein said plurality of content features ~~(1210, 1220, 1230)~~ are processed using a Bayesian Belief Network ~~(1000)~~ to identify said at least one music video ~~(507)~~.

7. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein said plurality of content features ~~(1210, 1220, 1230)~~ are processed using one or more video segmentation rules ~~(1115)~~ to identify said at least one music video ~~(507)~~.

8. (Cancelled).

9. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein said plurality of content features ~~(1210, 1220, 1230)~~ further includes a videotext presence feature that determines when videotext appears in said multimedia stream ~~(505)~~.

10. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein said plurality of content features ~~(1210, 1220, 1230)~~ further includes a color histogram feature to evaluate patterns in the color content of said multimedia stream ~~(505).~~

11. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein said plurality of content features ~~(1210, 1220, 1230)~~ further includes a camera cut feature to evaluate patterns in the camera cuts and movements in said multimedia stream ~~(505).~~

12. (Currently Amended) ~~The method of claim 1~~ A method for segmenting a music video in a multimedia stream, said method comprising the steps of:
receiving a multimedia stream including at least one music video;
segmenting said at least one music video from said multimedia stream by evaluating a plurality of content features related to said multimedia stream; and
identifying said at least one music video,
wherein said plurality of content features ~~(1210, 1220, 1230)~~ includes an analysis of key words obtained from a transcript of said at least one music video ~~(507).~~

13. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein said plurality of content features ~~(1210, 1220,~~

~~1230~~1230further includes an analysis of low level features derived directly from said multimedia stream.

14. (Currently Amended) The method ~~of~~as claimed in claim 13, wherein said low level features include one or more of a number of edges or shapes or local or global motion.

15. (Currently Amended) The method ~~of~~as claimed in claim 1, wherein said plurality of content features ~~(1210, 1220,~~
~~1230)~~further includes an audio feature.

16. (Currently Amended) The method ~~of~~as claimed in claim 15, wherein said audio feature evaluates a volume of said multimedia stream~~(505)~~.

17. (Currently Amended) The method ~~of~~as claimed in claim 15, wherein said audio feature evaluates one or more of a mel frequency cepstral coefficient (MFCC), linear predictive coefficient (LPC), or variations in pitch bandwidth, volume or tone.

18. (Currently Amended) The method ~~of~~as claimed in claim 1, wherein said method further comprising~~comprises~~ the step of:
_____obtaining identifying information for said at least one music video from an external source.

19. (Currently Amended) A method for detecting a chorus in at least one music video-~~(507)~~, said method comprising the steps of:
receiving a multimedia stream-~~(505)~~ including said at least one music video-~~(507)~~;
accessing a transcript associated with said at least one music video-~~(507)~~; and
detecting said chorus based upon a repetition of words in said transcript.

20. (Currently Amended) The method ~~of~~-as claimed in claim 19, wherein said transcript is obtained from closed caption information.

21. (Currently Amended) The method ~~of~~-as claimed in claim 19, wherein said chorus is employed for an automatic generation of a summary-~~(410)~~ of said at least one music video-~~(507)~~.

22. (Currently Amended) The method ~~of~~-as claimed in claim 19, wherein said method further comprising the steps of:
_____detecting said repeated words; and
_____clustering said repeated words.

23. (Currently Amended) The method ~~of~~-as claimed in claim 19, wherein said detecting step is further based upon additional content features related to said multimedia stream.

24. (Currently Amended) The method ~~of as claimed in claim 19,~~
~~wherein said method further comprising the step of:~~
~~_____obtaining identifying information for said at least one~~
music video from an external source.

25. (Currently Amended) An apparatus for segmenting a music
video ~~(507)~~ in a multimedia stream ~~(505)~~, said apparatus
comprising:

a memory ~~(280)~~; and

at least one controller (270), coupled to the memory
(280), operative to:

receive a multimedia stream ~~(505)~~ including at least one
music video ~~(507)~~;

apply a plurality of content features ~~(1210, 1220, 1230)~~
related to said multimedia stream ~~(505)~~ to a pattern recognition
engine ~~(1000)~~ to segment said at least one music video ~~(507)~~ from
said multimedia stream ~~(505)~~; and

identify said at least one music video ~~(507)~~;

wherein said plurality of content features includes a face presence
feature and at least one of: a videotext presence feature; a color
histogram feature; a camera cut feature; and an analysis of key
words obtained from a transcript of said at least one music video.

26. (Currently Amended) The apparatus ~~of as claimed in claim~~
25, wherein said pattern recognition engine ~~(1000)~~ is a Bayesian
Belief Network.

27. (Currently Amended) The apparatus ~~of~~ as claimed in claim
25, wherein said pattern recognition engine ~~(1000)~~ is a neural
network.

28. (Currently Amended) The apparatus ~~of~~ as claimed in claim
25, wherein said pattern recognition engine ~~(1000)~~ employs an Auto
Regressive Moving Average technique.

29. (Cancelled).

30. (Currently Amended) An apparatus for segmenting a music
video ~~(507)~~ in a multimedia stream ~~(505)~~, said apparatus
comprising:

a memory ~~(280)~~; and

at least one controller ~~(270)~~, coupled to the memory
~~(280)~~, operative to:

receive a multimedia stream ~~(505)~~ including at least one
music video ~~(507)~~;

apply a plurality of content features ~~(1210, 1220, 1230)~~
related to said multimedia stream ~~(505)~~ to one or more video
segmentation rules ~~(1115)~~ to segment said at least one music video
~~(507)~~ from said multimedia stream ~~(505)~~; and

identify said at least one music video ~~(507)~~ ...

wherein said plurality of content features includes a face presence
feature and at least one of: a videotext presence feature; a color

histogram feature; a camera cut feature; and an analysis of key words obtained from a transcript of said at least one music video.

31. (Cancelled).

32. (Currently Amended) The apparatus of ~~as claimed in claim~~
30, wherein said one or more video segmentation rules ~~(1115)~~ define
a threshold for said plurality of content features ~~(1210, 1220,~~
~~1230)~~ to determine when a video segment has occurred.